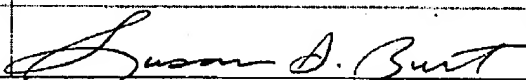


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Name (Print/Type)	Susan G. Burt	Fax # (if faxed)	(703)305-7718
Signature		Date	September 16, 2003

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of)	
Mohamed S. M. Shakur, et al.)	Attorney Docket No. 106290
Application No. 09/973,393)	Examiner: Charles S. Bushey
Filed: October 9, 2001)	Group Art Unit: 1724
MULTIPLE DOWNCOMER)	
FRACTIONAL DISTILLATION)	
TRAY AND PROCESS)	

OFFICIAL**RECEIVED
CENTRAL FAX CENTER****NOV 25 2003****AMENDMENT AND REQUEST FOR RECONSIDERATION**


Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of May 16, 2003, please amend the above identified application as follows:

Amendments to the claims are reflected in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 6 of this paper.

CERTIFICATE OF MAILING OR TRANSMISSION			
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Name (Print/Type)	Susan G. Burt	Fax # (if faxed)	(703) 872-9306
Signature		Date	November 25, 2003

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of)	
Mohamed S. M. Shakur, et al.)	Attorney Docket No. 106290
Application No. 09/973,393)	Examiner: Charles S. Bushey
Filed: October 9, 2001)	Group Art Unit: 1724
MULTIPLE DOWNCOMER)	
FRACTIONAL DISTILLATION)	
TRAY AND PROCESS)	

RESPONSE TO EXAMINER'S TELEPHONE INQUIRY

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants appreciate Examiner Bushey's telephone inquiry of November 25, 2003, regarding the above application. As requested, Applicants hereby resubmit the Amendment and Request for Reconsideration and corresponding Request for Extension of Time responsive to the Office Action dated May 16, 2003.

Applicants respectfully assert that these papers were complete, timely and properly submitted to the Office on September 16, 2003, via facsimile as evidenced by the following attached documents.

- A copy of the Amendment and Request for Reconsideration responsive to the May 16, 2003, Office Action, bearing a Certificate of Transmission / Mailing dated September 16, 2003, signed by Susan G. Burt (8 pages).
- A copy of the Request for Extension of Time responsive to the May 16, 2003, Office Action, bearing a Certificate of Transmission / Mailing dated September 16, 2003, signed by Susan G. Burt (1 page).
- A copy of the Fee Transmittal and the Credit Card Payment forms (1 page each).
- A copy of the Associate Power of Attorney, signed by Frank S. Molinaro, bearing a Certificate of Transmission / Mailing dated September 16, 2003, signed by Susan G. Burt (1 page).
- A copy of the Transmittal form for the above indicating 13 pages in the submission signed by David J. Piasecki and bearing a Certificate of Transmission / Mailing dated September 16, 2003, signed by Susan G. Burt (1 page).
- A copy of the transmission report (TX REPORT) from Applicant's facsimile machine showing that the 13 pages were transmitted at 09:36 hours on September 16.

Based on the above evidence, Applicants courteously request that the attached papers be entered and acted upon as they were originally properly submitted on September 16, 2003. Reconsideration and allowance of all pending claims in the application is respectfully requested in the Amendment and Request for Reconsideration

Respectfully submitted,

UOP LLC



David J. Piasecki

Reg. No. 53,467

Phone: (847) 391-3146

Fax: (847) 391-2387

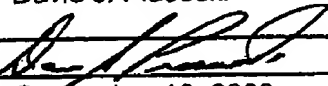
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*** TX REPORT ***

TRANSMISSION OK

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CONNECTION TEL 917033057718
SUBADDRESS
CONNECTION ID GP 1700 FAX MACH
ST. TIME 09/16 09:36
USAGE T 06'03
PGS. 13
RESULT OK

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>		Application Number	09/973,393
		Filing Date	10/09/2001
		First Named Inventor	Mohamed S.M. Shakur
		Art Unit	1724
		Examiner Name	Charles S. Bushey
Total Number of Pages in This Submission	13	Attorney Docket Number	106290

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Associate Power of Attorney Credit Card Payment Form PTO-2038		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	David J. Piasecki	
Signature		
Date	September 16, 2003	

CERTIFICATE OF TRANSMISSION/MAILING

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0151-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/973,393	
	Filing Date	10/09/2001	
	First Named Inventor	Mohamed S.M. Shakur	
	Art Unit	1724	
	Examiner Name	Charles S. Bushey	
Total Number of Pages in This Submission	17	Attorney Docket Number	106290

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ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Examiner's Telephone Inquiry & attachments itemized in response.
Remarks		

NOV 25 2003

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	David J. Piasecki
Signature	<i>David J. Piasecki</i>
Date	November 25, 2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Susan G. Burt
Signature	<i>Susan G. Burt</i>
Date	Nov. 25, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (05-03)

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FEE TRANSMITTAL
for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 110**Complete if Known**

Application Number	09/973,393
Filing Date	10/09/2001
First Named Inventor	Mohamed S.M. Shakur
Examiner Name	Charles S. Bushey
Art Unit	1724
Attorney Docket No.	106290

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																															
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ADDITIONAL FEES <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>85</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td>10</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) 1814 Statutory Disclaimer (\$110)</td><td></td><td></td></tr> <tr><td colspan="4">*Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3)</td><td>(\$) 110</td></tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	85	Surcharge - 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SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	David J. Piasecki	Registration No. (Attorney/Agent)	53,467
Signature		Telephone	847-391-3146
		Date	September 16, 2003

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